

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
VA,
28-HAMP,
4D-

NASA LANGLEY RESEARCH CENTER,
8-FOOT TRANSONIC PRESSURE TUNNEL
Hampton (Independent City)
~~Hampton County~~
Virginia

HAER No. VA-118-D

Jet Lowe, HAER Photographer, August 1995

- VA-118-D-1 VIEW LOOKING SOUTHEAST AT EXTERIOR OF 8-FOOT TRANSONIC PRESSURE TUNNEL. NOTE EXPANSION RINGS.
- VA-118-D-2 VIEW LOOKING EAST-NORTHEAST AT EXTERIOR OF 8-FOOT TRANSONIC PRESSURE TUNNEL (BUILDING 640). NOTE NACA LOGO OVER DOORWAY.
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- VA-118-D-5 VIEW LOOKING NORTH AT 8-FOOT TRANSONIC PRESSURE TUNNEL PLENUM FLOOR AREA. NOTE SCHLIEREN OPTICAL SYSTEM ON STRUCTURE AT RIGHT CENTER.
- VA-118-D-6 VIEW LOOKING SOUTHWEST IN 8-FOOT TRANSONIC PRESSURE TUNNEL CONTROL ROOM.
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- VA-118-D-8 VIEW LOOKING NORTHEAST AT ELLIOTT COMPRESSORS, 100,000 CFM, USED FOR REMOVAL OF BOUNDARY LAYER OF AIR IN TUNNEL THROUGH SLOTS. (ONLY USED BETWEEN MACH 1.1 AND 1.2).
- VA-118-D-9 VIEW OF 10,000 CFM COMPRESSOR WITH 1 MEGAWATT MOTOR DRIVE. USED TO ESTABLISH AND MAINTAIN BASE LINE PRESSURE CONSTANT WITHIN ONE PSI.